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Chrysanthemums

SADIE A. THOMAS
PASADENA
CALIF.

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CALIF.

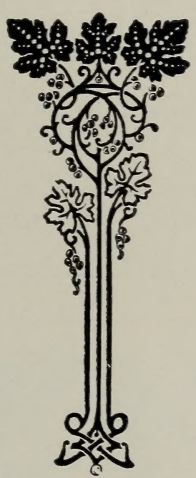
Fourth annual catalogue of

Chrysanthemums

Issued by

SADIE A. THOMAS

1913



308 Stevenson Avenue

PASADENA, - - - - - CALIFORNIA

INTRODUCTION

In presenting our fourth annual catalogue, we wish to thank our customers for their liberal support in the past and to say that we will do our best to deserve a still greater demand for our plants in the future.

We list one of the largest collections in the United States, thoroughly up-to-date, all of the Well's, Pockett, Totty Sets, and also the best of other English, American and French growers, and we take particular pride in having an immense stock of plants grown under conditions that we have found the best for 'mums on the Pacific Coast. Growing our stock plants in the open air, we do not have to propagate from spindly, weedy cuttings, but can choose robust ones. Many of the prizes in the open classes at the last Pasadena show and nearly all the prizes in the amateur classes were won with flowers grown on plants procured from us.

Last year we called attention to the care we take to have our plants true to name. Every plant when put out is labeled and when in flower if it does not show the correct characteristics it is pulled up and thrown away, so that it is almost impossible to make mistakes.

Terms of Sale

Shipments commence in April; all plants from 2½-inch pots unless otherwise agreed upon.

Orders from unknown parties should be accompanied by cash or satisfactory reference.

Small orders by mail, large orders by express, at purchaser's expense, but we send some extra plants to offset the cost.

We give no warranty, express or implied, on our plants, and if not accepted on those terms they must be returned at once.

"The Man behind the Gun"

Pasadena **Mrs. H. C. French**

The pictures of these varieties do not do justice to the blooms.

Mrs. H. C. French. A beautiful bloom; reflexed. Main color a light yellow, shading to five different colors. A sport from Dorothy Goldsmith. Extra fine stem and foliage; height 4 feet. October 27th to November 10th. $2.00 each. $20.00 per dozen.

Pasadena. Seedling No. 100. Incurved, making a beautiful bloom of two colors, rich crimson and golden reverse. Extra fine dark foliage. Habit dwarf. Midseason bloom. $2.00 each. $20.00 per dozen.

1913 Novelty Varieties

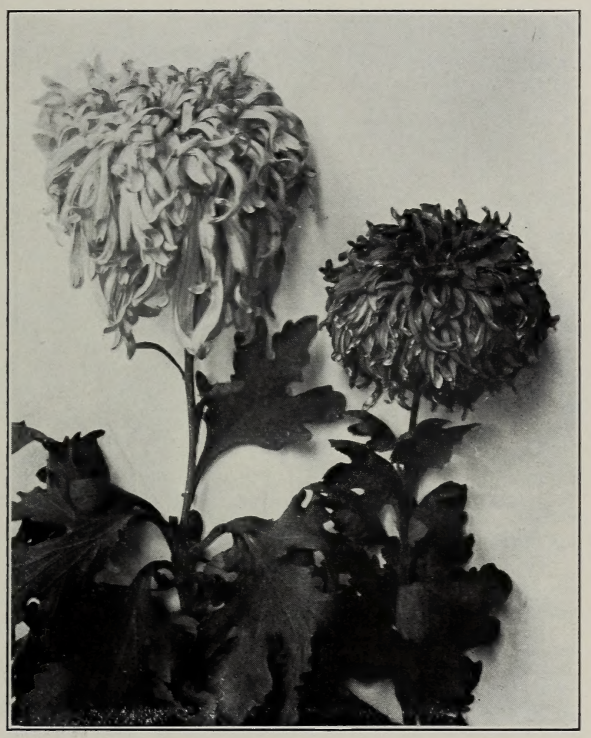
50 cents each $5.00 per dozen.

Not less than six at dozen rates.

Annie L. Angus. A very beautiful large pure white, thin petals. The flower can be grown very large, good stem and foliage. Crown bud about August 25th. Height four feet.

Mrs. Robert D. Foote. A flower of the largest size, every petal of which reflexes. Color is a magnificent crimson. Take bud about August 25th. Extra good stem and foliage. Height 4 feet.

Mrs. A. M. Henshaw. One of the purest whites, incurved, making a wonder in size. Stem and foliage perfect. Height 4 feet. An early crown bud, August 25th. A great improvement on Merza.



Francis Joliffe Mrs. R. D. Foote

Mrs. Gilbert Drabble. A giant in size, pure white, and the petals are arranged in a whorl, making a loose built incurved flower. Good stem and foliage. Crown bud August 20th.

Mrs. Harry Turner. A gem in color. A deep crimson, color as deep as the old Black Hawk, good size flower; equal to any variety in stem and foliage.

Mrs. Geo. W. Burke. A yellow with bronze shading; extra fine stem and foliage. Habit dwarf.

Mrs. Peter Duff. One of the varieties which can be shown and classed "Any other color." The same color and an improvement on Mrs. J. E. Dunn. Color is old rose, shading to cerise. Good stem and foliage. Height 4 feet.

Sunshine. Bright yellow, exactly the same color as R. F. Felton, but a little larger flower. Good stem and foliage. Little inclined to be neckey; height 5 feet. Crown bud, August 15th.

William Kleinheinz. A chestnut red; large petals; the flower making an enormous size. Height 4 feet. Crown bud about August 25th.

20 cents each. $2.00 per dozen.
Not less than six at dozen rates, except where otherwise quoted.

Antique. A gem in color, a deep bronze. Sport from the Dr. Enguehardt; darker bronze than Glenview; good stem and foliage.

Artistic Queen. Light rose pink, something same color as William Duckham. Height about 4 feet. Take bud about August 15th.

Bronze Brighthurst. The bronze shading making a beautiful thing, the style of growth being like the parent Brighthurst. Good stem and foliage. Height 3 feet. Bud August 15th.

Annie L. Angus **Mrs. A. M. Henshaw**

Christy Mathewson. A very good deep bloom. Extra fine stem and foliage, making a good show bloom.

Countess of Granard. One of the favorites of 1912 showing. Loose built bloom, with little bronze shading, making a beautiful thing. Height 4 feet. Good stem and foliage. 30 cents each. $3 per dozen.

E. M. Byrnes. A wonder in color, a scarlet crimson. The flower not large. The petals of the bloom have a little roll, making a beautiful thing. Take bud August 20th.

Elizabeth Seton. Pure white seedling of good size. Crown bud August 15th. Height 5 feet.

Ethel Throop. A beautiful thing. One of the favorites of 1912 showing Loose incurved bloom, color lavender, pink, habit dwarf. Hard to beat the stem and foliage. 30 cents each. $3 per dozen.

F. T. Quittenton. Deep crimson, every petal showing the color to the best advantage. Take bud August 25th. Height 3½ feet.

Francis Joliffe. Late yellow, with long hanging petals, making a beautiful thing. Extra good stem and foliage. Height 4 feet. 30 cents each. $3 per dozen.

Glen Cove. Light pink, of Japanese type; outer petals broad and reflexing, making a beautiful bloom. Stem and foliage good dark green, showing bloom to the best advantage.

Harry E. Converse (1912). Chestnut crimson, with a bronze reverse, making a perfect ball shape, with good heavy stem and foliage. This is one of the best of the bronzes. Take bud about August 20th.

Harvard (1912). Dark crimson. It was a winner at the Pasadena Flower Show, not for size but for the color. Stem and foliage equal to bloom. Height 3 feet, blooming the latter part of November. 30 cents each. $3 per dozen.

Jennie (1912). A white Japanese seedling, introduced by A. J. Loveless. Dwarf habit. Take bud August 25th.

Kara Dow (1911). Chestnut with a bronze reverse. A big fellow, extra fine stem and foliage; greatly admired this year.

Lady Carmichael (1911). A wonder in pure white Japanese reflexed, with good heavy stem and foliage. It was one of the leaders in exhibition whites. Take bud August 25th.

Mildred Lewis Raymond. (Our seedling 1911). A beauty in pure white. The same style as Jeanne Nonin. Take bud August 15th. Dwarf. 30 cents each. $3 per dozen.

Marie Loomas (1912). Chestnut terra cotta, with long drooping petals. Height 4 feet.

Mrs. Benson. A very fine flower of thin petals, pure white, good stem and foliage. Take bud August 10th.

Mrs. G. C. Kelly. Old rose with silvery reverse; one of the favorites of this year; good habit of growth. Height 4 feet.

Mrs. David Syme. Very fine large white. C. S. A. Silver cup. Absolutely perfect in flower, stem and foliage extra good.

Mary Farnsworth. Salmon buff, pure Japanese bloom; giant in size, equal in stem and foliage. Same style as Mary Mason.

Mrs. R. A. Witty. A reddish terra cotta; good size bloom. Not an equal in stem and foliage for a show bloom, but noted for the wonderful color.

Morris-town. A very fine pink, reflexing the outer petals, incurved center. Height 4 feet. Good stem and foliage.

Mrs. Wm. Wells. A wonder in color, a deep orange bronze. Japanese style. Height 4 feet. Good stem and foliage.

Ramapo. A wonder in color, size, stem and foliage. American seedling of Colonel Appleton, which will take the place of that good old variety. Foliage right up to the bloom; it never makes a top knot that Colonel Appleton does.

Susie (1912). A deep golden yellow, early bloom, about October 5th. A little long in neck, but good stem and foliage.

Smith Sensation (1912). A beautiful cameo pink. The style of bloom and foliage is like that of Bonaffon. Good for commercial or exhibition bloom.

Tarrytown (1912). A gem of a pink with a slight tinge of salmon. Height 4 feet. Good stem and foliage. Very dark green leaves.

Wells' White. A large incurved ivory white. Dwarf; good stem and foliage. Take bud about August 20th.

Wm. Turner (1912). A wonder in every sense of the word. Makes a perfect ball of purest possible white. Little the same style as Merza. Take bud August 30th. 30 cents each. $3 per dozen.

W. Woodmason (1911). Has made a wonderful record at the Flower Shows in the past year, East and West. Does not burn and must be classed as a wonderful crimson.

10 cents each. $1.00 per dozen.
Not less than six at dozen rate.

Acquidoneck. Very tall, broad petals; color light red. November 3rd.

Adonis. Good late variety. Color a light pink. Take bud about August 30th.

A. J. Balfour. A beautiful pink; not large enough for show bloom; lovely color.

Alice Byron. Second early white; largely grown for bush plants.

Alice Lemon. A beautiful flower of light soft pink; stem and foliage fine; take bud about August 15th.

Amateur Consuel. Crimson. A very good dwarf.

Autumn Glory. A salmon pink, like a California sunset. Reflexed.

Beatrice May. A wonder in size; pure white; some of our blooms measured 11 inches; an all around good sort and early grown.

Beecham Keeling. Large, bronze petals, edged with yellow; a very fine thing; habit tall.

Ben Wells. One of the largest exhibition whites; dwarf.

Bessie Evans. A delicate shade of pink. A deep bloom with fine stem and foliage.

Bessie Godfrey. Canary yellow; fine for exhibition when well grown.

Black Hawk. The deepest dark red chrysanthemum grown; should be in every collection; a favorite with all.

Beatrice May

Brutus. Beautiful shade of red to bronze; dwarf habit, very fine.

Bertha Welsh. Incurved pink; inside of the petals a silver pink and reverse of petals a darker pink, making a beautiful thing. Height 4½ feet.

Baron Ronald. Incurved ball style; color a buff to tan. Good stem and foliage.

Brighthurst. Pink with a light shade of cream; semi dwarf, very fine.

Calvat Sun. One of the finest golden yellows; good stem and foliage; height 4 feet.

Charles Davies. A light bronze sport from Vivian Moral. Dwarf habit, very fine.

Charles H. Totty. Chestnut, with old gold reverse. An early grower and a good one. Any bud after August 15th.

Chadwick Improved. A pure white sport from W. N. Chadwick. A Japanese incurved. Height 4 feet.

Cheltoni A yellow sport from Nellie Pockett. Take first bud; semi-dwarf; fine for pot plants.

Clementine Touset. The early Chadwick. A good early white coming about October 12th. Will stand close planting. Tinted with pink.

Clara Wells. A true incurved variety and very large of its type. This should be a commercial variety, as it will travel anywhere without getting bruised, and is a good keeper.

Col. Appleton. Still one of the best yellows for commercial varieties; very late. November 15th to December 25th.

Col. Rowell. A gem in form and color, a rich canary yellow; one of our favorites.

Convention Hall. Loose incurved; pure white, very fine.

Crimson Gem. A beautiful crimson with reverse; good stem and foliage.

Curly Locks. Pink, shading to white; no good for show purposes.

Cullinfordi. A very old variety, but still a favorite with all, dark red.

Comoleto. Very early, coming about October 25th; a bright yellow, fine for pot culture.

C. Montiguy. Lemon yellow; a grand flower, dwarf, November 1st

Dolly Dimple. A fine large, well built yellow variety; good stem and foliage.

Dorothy Goldsmith. Yellow with little bronze lines, making a very pretty thing.

Dr. Enguehardt. A good commercial pink, double from center; by November 10th and later; stem and foliage extra good.

Durbane Pride. Grand shade of lavender pink, long incurved and curly petals, making a pretty thing.

Ethel Fitzroy. One of the finest. A light bronze. November 1st to 10th.

Edgar Saunders. Color a dark bronze; incurved petals.

El Capital. A French variety. Color a light buff. Height 4 feet.

Frank Payne. A light pink Japanese. A hardy grower, with good stem. Crown bud, August 10th.

Frank Hardy. A sport from Good Gracious; white incurved, thin petals; very good.

Florence Penford. A loosely built Japanese incurved flower; a chamois yellow.

F. S. Vallis. A very fine yellow; good for either exhibition or commercial purposes; one of the largest yellows grown.

Freda Bedford. Orange bronze. This is a medium-sized bloom, and will do best as a pot plant.

General Miles. A wonder in color; a bright red; good stem and foliage. November 10th to 20th.

George W. Pook. A beautiful terra cotta, with wide side petals, incurved tips, forming an oval bloom.

Geo. Mileham. A very good bronze yellow. Take bud August 10th.

Glory of Pacific. A good shade of pink; height about 4 feet.

Glenview. A large Japanese bloom, dark bronze, sometimes showing a little Indian red; dwarf.

Gloria. A seedling of October Frost; producing double flowers from any bud. Stem and foliage unsurpassed.

General Hutton. An enormous yellow, slightly tinted with bronze; tall, of easy growth; fine foliage; should be largely grown.

Golden Age. Brightest of yellows, becoming more popular each year. Fine for specimen plant.

Golden Eagle. Very intense yellow; petals incurved; form one of the finest.

Golden King. Bright, golden yellow; makes a perfect ball. First-class commercial variety.

Golden Chadwick. A large, loosely incurved yellow flower; late; a sport from W. H. Chadwick.

Golden Glow. The finest early yellow; grows with good stem and foliage. We cut the first bloom July 4th, and the last December 18th. Blooms measure 6 inches.

Gold Mine. Good incurved yellow; fine stem and foliage. Semi-dwarf.

Golden Wedding. Rich golden yellow; round, pleasing in every way. October 25th to December.

Good Gracious. One of the heaviest; a giant; incurved petals; a light pink; grows 3 to 4 feet.

Guy Hamilton. Late mid-season; bud after August 20th. Color pure white, with long drooping petals; height 3½ feet.

Harold Wells. A large pure white reflexed bloom, with heavy stem and foliage.

Harry Cannell. A good yellow; the same style as Major Bonnaffon; good stem and foliage.

Harry Plumridge. Ivory; a pure white flower; fine for cut flowers; a sport of Golden Gate.

Howard Gould. Good, enormous globe, long petals; inside of petals bright chestnut; reverse pure deep gold.

Hon. Mrs. Lopes. Very handsome golden yellow; good stem and foliage. Take crown bud about August 10th.

Hero of Mafeking. Pearly white; fine for cutting; it lasts well; a sport of Golden Gate.

Helen Bloodgood. A beautiful shade of pink; good stem and foliage; blooms November 1st to 20th.

Intensity. A reflexed bright crimson; very free; the best late red and fine for pot plants.

Ivory (Improved). A large globular flower; pure white and hard to beat; good stem and foliage. Thanksgiving and later.

Keith Luxford. A beautiful shade dark red, good from any bud.

Kitty Lawrence. A delicate fawn color, long petals which curve and interlace, making it very attractive. November 1st to 18th, take bud.

Lady Edward Letchworth. Bright golden yellow with lighter reverse. Dwarf.

Lady Hopetoun. A light pink; one of the finest; a large finely formed bloom; dwarf habit. A prize winner at the Pasadena Show.

Lanona. A little wonder; dwarf; good stem and foliage. A fine waxed white bloom.

Lavender Queen. Lavender pink; very pretty; about 3 feet; good stem and foliage; extra fine.

Lelia Filkins. Pink; beautiful stem and foliage; a very good bloom.

Lady Hopetown

Leon Truelle. Creamy white; an early variety; semi dwarf.

Leslie Morrison. Rosy crimson, with broad thick petals. Its dark green foliage makes it very attractive. November 1st to 10th.

Lenox. Incurved yellow, good stem and foliage. Dwarf.

Lillian Coppard. The earliest red we have at present. This was in bloom October 12th. Height about 4 feet.

Lord Hopetoun. An Australian variety; color a crimson, scarlet, bronze; good enough for any collection.

Lucy Evans. Large pink ball; a good keeper; good commercial variety; will stand hot sun.

Lynwood Hall. Pure white; something like Convention Hall; a very fine bloom.

Marquise de Pierres. A fine large ball; pink; still a winner; extra fine stem and foliage.

Mary Mason. Rosy bronze with brighter reverse; outer petals reflex with the center ones incurved.

Mlle. Helen Prudhomme. Very dainty in color; rose, lavender to white; dwarf.

Mlle. Simon Jossier. Very fine creamy white; large and most desirable sort.

Mlle. Armand Detroyat. A wonder in color; enormous in size; good stem and foliage.

Mlle. Jeanne Rosette Beautiful pink shading to lavender; good stem and foliage. November 20th to December.

Mme. Walbeck Rousseau. A beautiful, loosely built flower; color a rosy crimson; very fine.

Mme. R. O. Berthur. Large bloom, incurved, making ball style bloom; color white.

Miss Alice Finch. A beautiful flower of a purple crimson; the flower reflexes showing the bloom to the best advantage; a good stem and foliage. Crown bud, August 20th.

Miss Edith King. Bright canary yellow, with broad petals. The outer petals curl and twist around, like shavings.

Marmotel. A beautiful lavender pink; height 4 feet. Good stem and foliage.

M. L. Rousseau. Large, incurved, light pink in tone of color; a tall grower.

Mount Shasta. A large incurved white; fine stem and foliage; dwarf.

Mrs. W. A. Read. A beautiful fiery, scarlet, crimson; a little apt to burn. A bud around August 15th is not nearly so liable to dampen as later bud.

Mrs. R. Luxford. Indian red with a golden reverse; not large enough for show bloom, but a handsome thing in color.

Mrs. A. R. Peacock. A seedling from Beatrice May; takes after the style of its parents; good keeper; in bloom by October 15th.

Miss Clay Frick. A white sport from William Duckham; semi-dwarf.

Miss M. Smith. Salmon terra cotta. Best to grow as a pot plant; very fine; 4 feet high.

Miss M. Hankey. A late pink; splendid grower. One of the finest for exhibition; fine foliage; semi-dwarf.

Miss Helen Frick. A fine late dark pink Japanese incurved; good stem and foliage; very good show bloom. November 1st to 20th.

Maud Dean. Very large, light pink; good commercial variety.

Maud Jeffries. A pure white Japanese, incurved; dwarf. A good plant for pot use.

Mrs. Swinburne. A very large, globular bloom; a pure white; good keeper; extra fine.

Mrs. Winthrop Sargent. A deep straw colored sport from Good Gracious.

Mrs. Wm. Duckham. An immense Japanese bloom, color a brilliant yellow; dwarf.

Mrs. E. Thirkell. A deep yellow with long, reflexed petals; one of the handsomest flowers grown; it is called the Fountain of gold.

Mrs. Harry Emerton. Bright amber yellow; good stem and foliage.

Mrs. E. Beckett. A reflexed pure white, with narrow petals and rounded form. Fine for potted plants or specimen bush plant.

Mrs. Henry Barnes Japanese incurved, a rosy terra cotta, with lighter reverse; good stem; fine sort; dwarf habit.

Mrs. Week. Pure white; heavy grower; height 5 feet.

Mrs. Geo. Pullman. A beautiful clear yellow, grows very tall; a popular flower.

Mrs. Jerome Jones. A large incurved white; a good grower, and is a favorite with all who have tried it.

Mrs. J. E. Dunn. Salmon terra cotta; one of the largest flowers and very effective.

Mrs. George H. Heume. Color, unique salmon bronze; outer petals reflexed; center incurved and forms blooms of great depth.

Mrs. W. E. Kelly. A bright yellow, Japanese, with fine stem and foliage.

Mrs. O. H. Kahn

Mrs. H. Partridge. Crimson; very fine exhibition bloom; dwarf, foliage and stem equal.

Mrs. Tenor L. Parks. A splendid yellow, with drooping petals, which interlace and makes a beautiful high-class flower.

Mrs. H. A. Buckbee. A very fine globular bloom; waxed style; good stem and foliage. Good keeper.

Mrs. Coombes. Fine pink. Second earliest. One of the favorites of the past year.

Mrs. J. A. Miller. A monster; color, a rosy bronze; a splendid grower and all around good sort.

Mrs. Turner. White with a little lavender on edge of petals; ball shaped, incurved; extra good stem and foliage.

Mrs. Norman Davies. A pure white of large size; healthy and easy to grow; semi dwarf.

Mrs. May Hunter. La France pink; very fine color; good grower; stem and foliage all that can be desired.

Mrs. J. W. Makant. Very fine heavy bloom, ivory white, with very thick petals; dwarf.

Mrs. O. H. Kahn. A bronze with a record. Comes good on any bud, early or late, and is absolutely reliable.

Madam Rogers. Light green, a recent importation from England, where it is a great favorite. Not a large flower, but will be a favorite for cutting.

Major Bonnaffon. A bright clear yellow, incurved bloom; second early; November 1st to 15th; deservedly a favorite; considered the best for commercial purposes.

Mary Donellan. A very fine Japanese incurved, broad petals of great substance; bright yellow with the reverse of the color.

Merza. One of the largest and best whites for exhibition; a good keeper; ball style.

Mersham Blush. Flesh white in color. A beautiful grower and fine in every way.

Mrs. H. W. Rieman. A beautiful light yellow bloom, being a very heavy incurved flower; good dark green foliage.

Mrs. S. T. Wright. A wonder in size and color; dark red; good stem and foliage.

Morton F. Plant. An irregular Japanese bloom; outer petals reflexed; color a splendid mauve pink; very good.

Mrs. Chas. H. Totty. A very fine shade of light pink; height 4 feet; good stem and foliage.

Monrovia. Early yellow, from September 12th to October 20th. Habit dwarf.

Mrs. H. Robinson. Incurved white, good stem and foliage. Habit dwarf.

Nagoya. Very late yellow; fine bloom; dwarf.

Nellie Pockett. Creamy white bloom; ball shaped; a fine variety; one of our stand-bys.

Onunda. The largest chrysanthemum that has ever been exhibited. Creamy white. It is 45 inches in circumference, with a stem fully equal to carrying the flower.

Ongawa. Salmon bronze; very large; dwarf; good stem.

October Frost. Earliest white; take an early bud.

O. H. Broomhead. Rose pink; a very fine variety, with broad, reflexed petals.

President Viger. Deep rose; one of the big fellows; grows about 3 feet.

Pockett's Crimson. The largest thing of its color ever sent out. Crimson with a gold reverse. Makes a 9-inch flower. Height 3 feet.

President Taft. Japanese incurved petals of the purest white, which closely incurve, forming a huge ball. Good stem and foliage.

Pacific Supreme. A pink intermediate between Glory of Pacific and Wm. Duckham.

Petite Renee. Red and bronze; very large and a good one; late; November 30th to December 25th.

Rose Pockett. Another flower with a record. The color is old gold and the petals stand straight out, showing the color to the best advantage.

R. F. Felton. Deepest possible yellow, very fine deep round bloom; dwarf; one of the finest yellows grown.

Roserie. One of the best early pinks, being a clear, bright pink.

Reginald Vallis. An immense Japanese bloom, plum color, with lighter reverse. Can be grown very large; semi-dwarf.

Rosemaur. Rosy lilac Japanese incurved, with light silvery reverse; stem and foliage fine; dwarf.

W. E. Etherington

R. E. Richardson. A fine pink; good form, loosely incurved; to bring to perfection should be shaded from hot sun. Dwarf.

Roi de Italie A good deep yellow; extra fine stem and foliage.

Reine des Rosea. A beautiful shade of pink; a wonder for a small bloom;

Retzivan. A beautiful thing; good stem and foliage.

S. D. Rosenbaum. A beautiful bright shade of yellow; height 4 feet; habit of growth similar to Gen. Huton. It is a sport from Black Hawk, which it resembles in foliage. Very late.

S. A. Nacuer Bey. Yellow with little red lines; a very fine exhibition variety. We think it very fine.

Souv. Scalarandis. A wonder in color; a beautiful golden yellow; dwarf habit; fine for pot plants.

Silverback. One of the darkest crimson, with silver reverse; ball shape; a very pretty thing.

Silver Wedding. A pure white sport from Golden Wedding; long, wide and pointed waxy petals. October 30th to November 20th. A good one.

Silver Shield. A lovely incurved, large bloom; honey-like fragrance; color, a pretty rose pink; extra good stem and foliage; a large bloom when well grown.

T. Carrington. A magnificent flower of great size; color, a rosy crimson. Still a prize winner.

Timothy Eaton. One of the largest grown; pure white and very double. It is a grand variety and should be largely grown.

The Queen. Ivory white and very double, making a fine early flower. October 20th.

Valerie Greenham. An enormous exhibition pink; dwarf. Still a show bloom.

Virginia Poehlmann. A pure white Japanese incurved. Dwarf. October 25th to November 5th.

Wells' Late Pink. One of the finest late pinks, flowering from November 10th to December 25th. Crown bud after August 25th.

W. Mease. A bright, rosy red; a very heavy bloom; dwarf; handsome grower. Crown bud after August 15th.

Wm. Wells. Fine white; irregularly reflexed; semi-dwarf.

Winnifred. Bright fawn-yellow or buff, finished with carmine pink; semi-dwarf; very good. Still a prize winner.

W. M. Moir. This variety requires early bud to produce large double blooms; incurved; purest of white; tall.

White Cloud. Japanese, large, creamy white; good stem and foliage; the same style as Mrs. E. Beckett. Fine for commercial work; middle season.

William Duckham. Large Japanese incurved flower; heavy foliage; color, deep pink; a large bloom and a general favorite.

W. E. Etherington. A wonder; an Australian; a giant among chrysanthemums; color, a light pink; very double, and a very desirable variety. October 30th.

White Bonnaffon. Incurved white; grand for commercial purpose; dwarf. October 25th to November 10th.

W. T. Brock. A splendid commercial pink for Thanksgiving and later. An ideal for shipping and a good keeper.

Yellow Eaton. A beautiful yellow sport from Timothy Eaton.

Yellow Prince. Ball shape, petal narrow, buff color; like Mrs. Winthrop Sargent.

Yellow Jones. Lightest of yellows; ball shape; good foliage and stem; dwarf habit. A sport from Mrs. Jerome Jones.

Yellow Miller. A beautiful light yellow; coming early about October 20th. Take early bud; good stem and foliage.

Yellow October Frost. A yellow sport from October Frost. A one commercial variety. Early October 10th.

Single Varieties of Chrysanthemums.
10 cents each. $1.00 per dozen.

MORUENNA HAROLD SHAW PETER PAN

Amme. Double row of petals, white; one of the seedlings of this year.

Anna. Very fine; good dark green foliage; clear red; height 2 feet.

Cecil Denyer. Milk white flower, looks like a small Cactus Dahlia.

Ethel Clark. Seedling of the past year; a beautiful clear pink. Habit dwarf.

Ethel Beer. Dwarf; bronze red; very good.

Felix. Crimson bronze; large flower; one of the best.

Bessie May. One of our new seedlings. Dwarf; color, a golden bronze.

Guy Westlake. White, narrow cactus petals; very fine.

G. W. Forbes. Splendid, of all varieties; late; crimson.

H. M. Smith. Lilac mauve, with pure white ring around, making a disc appearance.

Helen Totty. Cerise, shading to red. Best as a specimen plant.

Harold Shaw. White tips of petals tinged with pink.

Jessie Curtis. Deepest crimson; a splendid bloomer.

J. T. Angus. Rosy cerise; very fine late variety.

Lady Clinton. A beautiful pure white; fine large sprays.

Lorna Dando. Very late pink; good stiff stem.

Laurie Hearn. Crimson maroon with white ring around disc.

Mersham Tints. Soft yellow with shades of bronze toward the edge of the petals.

Mersham Jewel. Terra cotta with shades of bronze; a beautiful thing.

Minnesota. Very good; blood red; good long stems.

Marian Bach. A little gem in color; cream white with yellow eye; good stem and foliage.

Moruenna. One of the best single blooms; used mostly for decorations; very fine.

Metta. Deep magenta with white zone.

Mrs. Bailie. Chestnut bronze; fine for bush plant.

Minnesota. A beautiful shade of red; extra fine in stem and foliage.

Peter Pan. Fawn color. Has sprays of flowers about 12 inches long; the flower star-like style; extra good.

Sylvia Clade. Rosy garnet with broad pure white ring in the center. The habit and freedom of flowering is superb.

Winnie Sherring. Apricot color. A beautiful flower. Well liked in the East.

Wilder. One of the finest of quill pinks; extra good stem and foliage. One favorite of the past year.

HANDY POMPON VARIETIES

10 cents each. $1.00 per dozen.

SUSQUEHANNA RUFUS GLOIRE DE FRANCE

Aaron. A beautiful bronze to yellow.

Alma. Pink. A sport from the white St. Alma Pompon. One of the favorites of the season; extra fine pink shading to lavender.

Allentown. A beautiful shade of old gold shaded yellow-brown.

Azalia. Light orange, shading to pink.

Baby. Everybody's favorite. The smallest yellow variety grown.

Bright Bessie. Dark bronze; very fine.

Baby Margaret. Said to be a pure white sport of Baby; a very beautiful thing.

Boutoniere. A beautiful shade of bronze; good cut flower; also pot work.

Croesus. A little gem; color orange shaded to claret.

Dundee. Extra good for pot work; color dark red.

Dawn. A beautiful thing; light shade of pink.

Excelsior. Large flowers; bright orange yellow; long stem.

Erminie. Beautiful bronze; good for pot collection.

Florence Carr. Deep bronze, golden tip.

Fred J. Red orange; fine for cut flowers.
Fashion. Light yellow shaded to darker yellow.
Gloire de France. Silver pink; long stems.
Hero. Clear pink; large flower; good for cutting.
Iago. A beautiful variety, extra fine for pot use; color orange bronze.
Ida. Bright golden yellow; one of the very best.
Julia Lagravere. Crimson maroon; for cut flowers.
Julia La Gravere. Garnet red; very good.
Judge Hoyt. Bronze; dwarf; dark green foliage.
King Phillip. A little gem of a pink.
Kenneth. Pure white flower.
Klondyke. Clear canary yellow.
Little George. Violet red; free bloomer.
Little Pet. Equal to any variety of its color.
Madge. Yellow; very fine; one of the best.
Miss Bateman. Orange bronze; very fine.
Maid of Kent. White, tinted with rose.
Mrs. Wyness. Anemone flower; flower a lavender rose; center pink; very fine.
Mrs. Porter. Bronze red; late.
Magnificus. A wonder of pure white.
Nellie Bly. Blush pink.
Overbrook. A little gem of golden yellow.
Perle de Beatines. A beautiful pure white.
Rufus. Crimson maroon; very fine.
Snowdrop. Pure white; very good.
St. Illona. Silver roses; beautifully quilled petals.
Susquehanna. Very fine yellow.
Sunshine. A beautiful clear yellow.
St. Alma. A fine white.
Trojan. Early bloomer; a maroon and yellow; dwarf.
Tiber. Light yellow; very good.
Viola. A wonderful rich violet red.
Willie. Lilac to a white.

EARLY ENGLISH VARIETIES.

20 cents each. $2.00 per dozen.

Not less than six at dozen rate.

Crimson Marie Masses. A crimson sport.
Ralph Curtis. A creamy white sport of Marie Masse.
Horance Martin. A deep yellow sport of Masses. This is a splendid variety.
Robby Burns. A rose cerise; sport of Masses.
White Quintus. Pure white; the best thing of its color.
Goacher's Crimson. Bright crimson; very fine.

HAIRY VARIETIES.

10 cents each. $1.00 per dozen.

Not less than dozen rate.

Enfant des Mondes. White sport of Boehmer.

Louis Boehmer. Pink; the best known hairy sort.

Leocadie Gentilis. Yellow sport of Boehmer.

F. J. Taggart. A yellow type; tall grower; flower generally bent over; very large.

10 cents each. $1.00 per dozen.

Garza. A beautiful anemone of medium size; the rays broad in a simple row of purest white; very full and high rounding center.

Little Barbee. New (1910). Clear canary yellow; exceptionally large sprays of medium-sized flowers. This we consider the best yellow either for cutting or pot culture.

CHRYSANTHEMUM POINTERS.

By Richard Thomas.

We are asked the question dozens of times during the year as to the best time to plant out mums and think this a good time to answer some of the questions which are often asked us. Last year our first planting of eight hundred plants in some forty-two varieties we planted early in May for three reasons: We had some early propagated plants, the ground was in good condition, and lastly because we intended to grow three flowers to each plant. This necessitated early planting to get the plants well rooted so that they would stand liberal feeding. Our next plantings were made at intervals up to the middle of July, when some of the larger flowered varieties, such as Mrs. David Syme, Lady Carmichael, Mrs. Norman Davies, Karo Dow, W. Mease, Woodmason, Alice Lemon, etc., were planted. These plants did well, but we think that with an earlier planting they would have done even better, and would have made a stronger growth before the first buds were taken. When a plant is hurried it is liable to throw blind buds, and this year all our exhibition varieties will be in the ground in May, but it is better to plant late, even to the end of July, and give every attention, than to plant early, grow careless and neglect them. A mum is like a rose or geranium; it will stand a lot of neglect and make some sort of a return, but if you want show blooms they must have the best of treatment, and the best is none too good. Again, a mum must be grown all the year around, as soon as the flower withers the stem should be cut off close to the ground and the soil well cultivated to insure a good strong lot of cuttings for next season, for no one can grow show blooms from stock plants healed in any old out-of-the-way place or choked with weeds. We do not believe in divided roots or Irishman's cuttings, as they are generally called, because cuttings that have been rooted in good, clean sand under cool treatment that have been potted off in not larger than two and a half-inch pots, in which they should

be kept only long enough to get established, will give the best results all the time, and every time both to the disseminator and the grower. The best possible soil is a heavy chocolate loam, the heavier the better. Adobe is also good; they like something the roots can cling to or grip, not run through without touching, as it were. With the heavy soil we get more substance and better color. In preparing the soil, plow or fork deep; the deeper the better, so long as no poor subsoil is brought to the surface. A mum is a shallow rooter, but with deep cultivation there is a chance, if the plants are given too much water, for some of it to drain away. Some folks think a mum is an aquatic plant. Our plants get water when they want it. Sometimes once every two or three days or once a week, but oftener every two weeks. Keep the ground moist, not wet. It has always been our rule to make the rows two feet apart, and the plants one foot apart in the rows. This gives plenty of room to get between to remove side shoots, tie up, disbud and cultivate, etc., besides the plants do not draw so badly as when planted close together. Don't plant too deep; leave a basin around each; press the soil carefully around the roots and give a generous amount of water to settle the soil. For the first week we water each plant with a watering can, according to their several needs. Afterward with a hoe we cut a small trench along each side of the row, letting the water from a hose run in slowly, and then cultivating. Except for the dwarf sorts, we shall use from three to five rows of wire. Wire is best when the rows are not too long. For the dwarf sorts a stake made from a split shake is good to tie to, but early planted ones will grow taller and want longer supports than later ones. After the plants are well established, mulching with cow manure is a good fertilizer—in fact, the very best; but don't overdo it. This is where the expert has the advantage. He can tell by the feel of the leaves and the look of his plants when they have had enough, when a little more of another sort would be beneficial, or when to leave well enough alone. But the novice will often find that by overdoing it, it is a question of more haste and less speed. Except with the very early ones, such as Horace Martin, Marie Masse, etc., and the intermediates, such as Golden Glow, Advance, etc., most of the buds will need to be taken not earlier than August 5th nor later than September 15th, for the very late varieties, such as Helen Frick, Mrs. George Pullman, Jeanne Nonin, etc., but we give a hint in our description of each variety as to when we find it best to take the buds. This applies to Pasadena, but interior places or near the coast should vary slightly. The early flowering Singles, Hardy Pompons, Anemone Pompons and New Japanese Pompons are likely to be even more popular than the exhibition varieties, and we shall propagate several thousand of the best varieties to meet this demand, and the Flower Shows will also offer prizes for them.

Address

SADIE A. THOMAS

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Take Lamanda Park Car.

One of our five Fields